

IN THE CLAIMS:

Amend the claims to read as indicated below.

1. (canceled)

2. (currently amended) ~~The enclosure of Claim 1~~ An enclosure for a defibrillator electrode which seals the electrode against moisture loss while the electrode remains in electrical communication with a defibrillator comprising:

an enclosure formed of flexible material which is adapted to be sealed against moisture loss;

an interior connector located on the interior of the enclosure and adapted to detachably connect to a defibrillator electrode; and

an exterior connector located on the outside of the enclosure and adapted to detachably connect to a defibrillator, the exterior connector being in electrical communication with the interior connector, and further comprising:

a defibrillator electrode having a wireset detachably coupled to the interior connector,

wherein the defibrillator electrode is sealed inside of the enclosure.

3. (currently amended) ~~The enclosure of Claim 1~~ An enclosure for a defibrillator electrode which seals the electrode against moisture loss while the electrode remains in electrical communication with a defibrillator comprising:

an enclosure formed of flexible material which is adapted to be sealed against moisture loss;

an interior connector located on the interior of the enclosure and adapted to detachably connect to a defibrillator electrode; and

an exterior connector located on the outside of the enclosure and adapted to detachably connect to a defibrillator, the exterior connector being in electrical communication with the interior connector, and further comprising:

a defibrillator electrode having a wireset detachably coupled to the interior connector; and

a defibrillator coupled in electrical communication with the exterior connector.

4. (currently amended) The enclosure of Claim ~~4~~², wherein the enclosure has a wall of flexible material, wherein the interior and exterior connectors are sealed through a hole in the wall of flexible material.

5. (previously presented) The enclosure of Claim 4, further comprising a flange having the interior and exterior connectors located on opposite sides thereof, wherein the flange is sealed to a hole in the wall of flexible material.

6. (previously presented) The enclosure of Claim 4, further comprising a flange having the interior and exterior connectors located on opposite sides thereof, wherein the flange is heat-sealed to the periphery of a hole in the wall of flexible material.

7. (original) The enclosure of Claim 5, wherein the flange is formed of a rigid insulative material.

8. (original) The enclosure of Claim 5, wherein the flange is formed of a rigid insulative, heat-sealable material.

9. (previously presented) The enclosure of Claim 2, wherein the electrode is detachably connected to the interior connector, the interior connector is in electrical communication with the exterior connector, and the exterior connector is detachably connected to the signal path of a defibrillator,

wherein the medical instrument is adapted to monitor the functioning of the electrode via the signal path.

10. (currently amended) The enclosure of Claim ~~1~~3, wherein the defibrillator comprises an external defibrillator.

11. (currently amended) The enclosure of Claim ~~2~~2, wherein the enclosure of flexible material comprises a hermetically sealable pouch for storing the electrode.

12. (currently amended) The enclosure of Claim ~~1~~2, wherein the interior connector and the exterior connector comprise an electrical connector having the first end disposed in the interior of the enclosure, and a second end disposed on the exterior of the enclosure.

13. (previously presented) The enclosure of Claim 3, wherein the defibrillator further comprises an electrical plug adapted to connect to the exterior connector.

14. (previously presented) A method for packaging a defibrillator electrode, comprising:

providing a sealable flexible enclosure having an interior connector in the inside of the enclosure and an exterior connector on the outside of the enclosure, the interior and exterior connectors being in electrical communication with each other;

disposing a defibrillator electrode in the interior of the enclosure, the electrode having an adapter in electrical communication with the interior connector;

sealing the enclosure to retard moisture loss; and

connecting the exterior connector to be in electrical communication with a defibrillator.

15. (original) The method of Claim 14, wherein sealing the enclosure comprises heat-sealing the enclosure.

16. (previously presented) The method of Claim 14, wherein providing a flexible enclosure further comprises sealing a rigid insulator in a hole in a wall of the enclosure,

wherein the interior and exterior connectors are disposed on opposite sides of the insulator and in electrical communication therethrough.